

25X1A14b  
HEADQUARTERS

29 October 1956

**SUBJECT:** Final Report on Training Accomplishments and USCM of Detachment "C" Project "AQUATONE". (Recently designated the 3rd Weather Reconnaissance Squadron (Provisional))

**TO:** Commander in Chief  
Strategic Air Command  
Offutt Air Force Base  
Nebraska

1. On 26 October 1956, Detachment "C", Project "AQUATONE", successfully completed the last portion of its training program. This program was in two (2) parts, the Formal Training phase and the Unit Simulated Combat Mission phase. The former was satisfactorily completed on 19 October 1956 when the training directives, published by the [REDACTED] Support Wing (SAC) and approved by Project Headquarters, were fully complied with. (See Annex I for details). 25X1A14b

2. During the period 24 - 26 October 1956 a USCM was scheduled. A realistic approach was taken with Project Headquarters directing combat type missions and the Detachment working them into flight-planning shape and then actually flying the missions. All segments of the Detachment; Operations, Maintenance, Supply, Communications and Special Equipment were put to test during the three days. The successful completion of the USCM is apparent when the attached Annex's are studied.

3. In accordance with the rules established for the USCM (see Annex II), the following final scores were made:

a. Numerical score (See Annex III for details):

	<u>POINTS</u> <u>POSSIBLE</u>	<u>POINTS</u> <u>ATTAINED</u>
(1) Percent of required aircraft launched - - - - -	10	10
(2) Percent of aircraft airborne on time - - - - -	10	8.3
(3) Percent of required aircraft effective - - - - -	20	11.5

(4) Percent of required aircraft completing mission - - - - -	15	12.9
(5) Percent accomplishment of USCM requirements - - - - -	10	9.5
(6) Crew Proficiency:		
(a) Navigation - - - - -	10	8.4
(b) Photo Flight Line - - - - -	20	19.3
(7) Combat Reporting - - - - -	5	5
Total Score - - - - -	100	84.9

b. Adjective rating (See Annex IV for details):

- (1) Briefings, debriefing and critiques - - - - Effective
- (2) Maintenance - - - - - Effective
- (3) Supply Support - - - - - Effective
- (4) Overall Unit - - - - - Effective

4. No discrepancies were found in the operational test of Detachment "C". The Detachment is commanded by an outstanding officer and his staff are competent and well selected. Two points bear mentioning: (1) many points were lost due to camera malfunctions. During this USCM the "B" configuration was flown on two (2) of the seven (7) missions and its reliability was scored. In the previous USCM this was not the case as the "B" camera was considered still in the experimental stage and its reliability was not scored one way or the other. Had the equipment held a normal malfunction rate during the USCM, Detachment "C" would have experienced a much higher total score as their pilot proficiency was outstanding; (2) the pilots exhibited a high degree of proficiency in their navigation and photo flight-line flying. In the later they scored 19.3 out of a possible 20 points. Their enthusiasm was high and was shared by the entire Detachment - their "esprit de corps" was at the very highest level. The Briefings and Critiques were outstanding in every respect.

5. There are no outstanding deficiencies in the Maintenance and Supply field.

6. As a result of the USCM, and due to the successfully completed training program, it is considered that Detachment "C", Project "AQUATONE", is adequately manned and equipped, properly staffed, effectively trained and capable of performing their assigned mission.

7. Recommendation: It is Recommended that Detachment "C" be declared combat ready.

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5 Incls:

1. Annex I - Narrative Report of Training  
Colonel, USAF  
Commander
2. Annex II - USCM Scoring Guide - 4070th Supp Wg  
Tech Pamphlet 170-1
3. Annex III - Numerical Scores of USCM
4. Annex IV - Adjective Rating of USCM
5. Annex V - Statistical Report of USCM

DISTRIBUTION:

Project Headquarters - 2 copies  
Headquarters, USAF - 1 copy  
Headquarters, SAC - 2 copies  
Detachment "C" - 1 copy  
Support Wg - 3 copies

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SECTION 1 - OPERATIONS & TRAINING

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ANNEX III - NUMERICAL SCORE OF USCM

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TAB "B" Percent of Required Aircraft Airborne on Time

TAB "C" Percent of Required Aircraft Effective

TAB "D" Percent of Required Aircraft Completing Mission as Briefed

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